

1/6

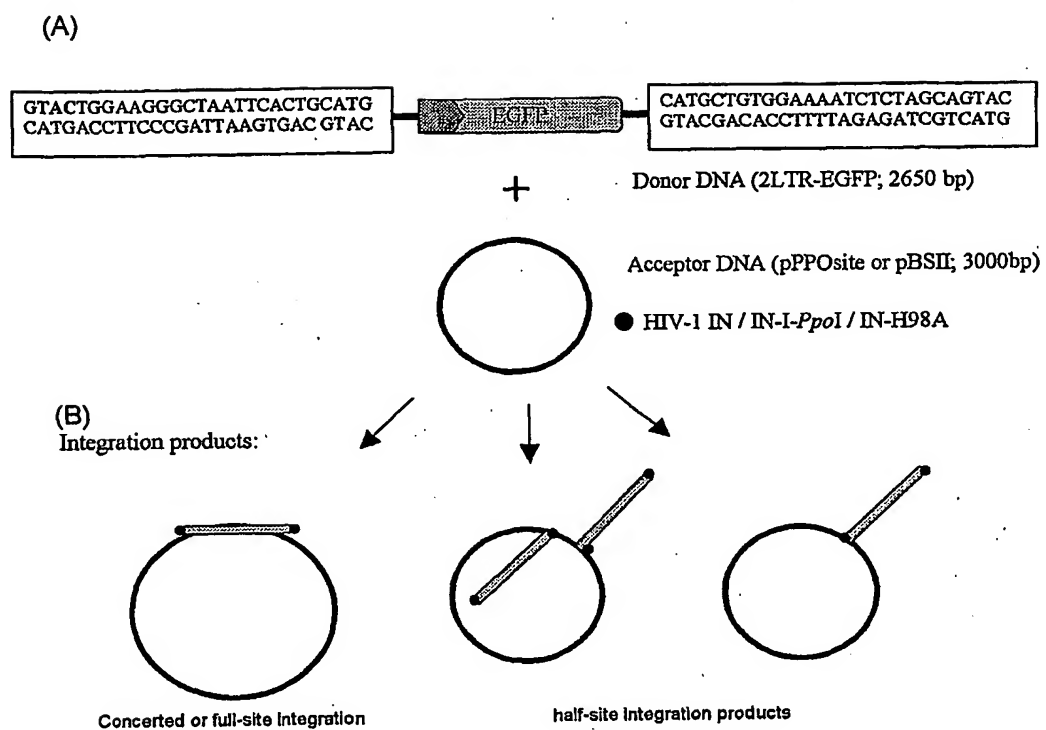


Fig. 1

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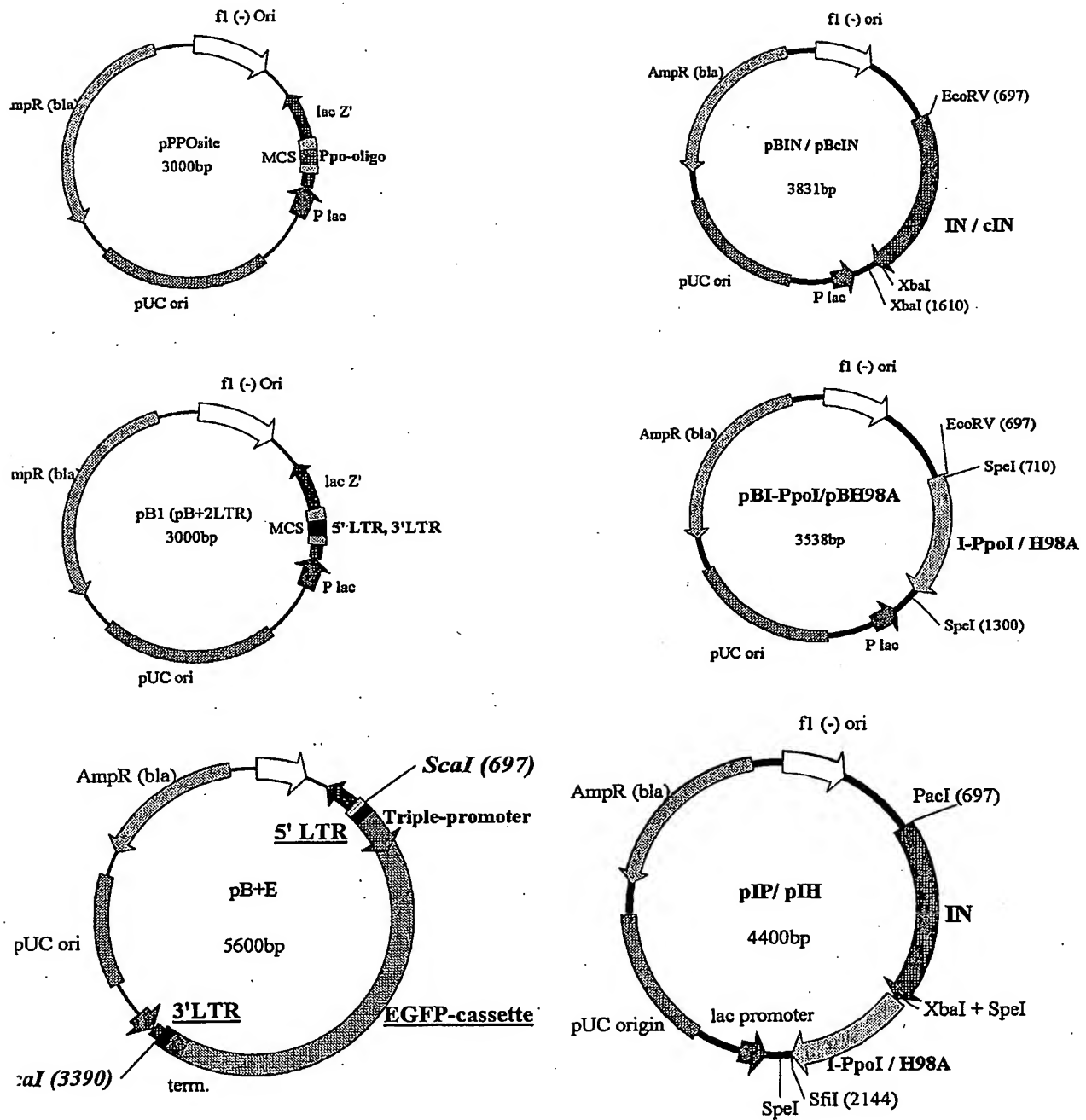


Fig. 2

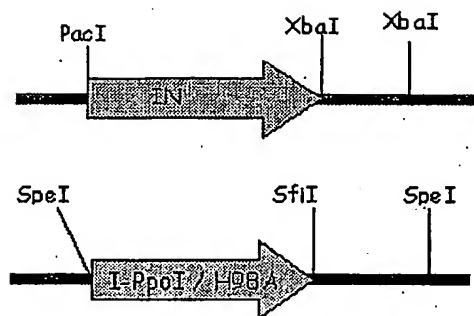
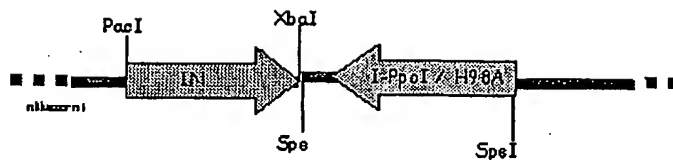


Fig. 3

a)



b)

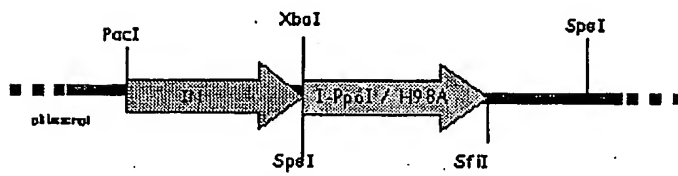


Fig. 4

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pcnppo_h98a-cons	CCCTTTTCTATTAGAACCGGATAACATCAACGGCAAAACCTGCACAGCAAGCGCGCTATG
M38131	CCCTTTTCTATTAGAACCGGATAACATCAACGGCAAAACCTGCACAGCATCGCACCTATG
pcnppo6_H98A	CCCTTTTCTATTAGAACCGGATAACATCAACGGCAAAACCTGCACAGCATCGGCNCTATG
	*****
	(1) (2)
	GCN-> His98A mutation

pcnppo_h98a-cons	TCATAATACTCGATGCCACAATCCCTTGCACTTGTGCTGGGAGTCACTAGACGACAACAA
M38131	TCATAATACTCGATGCCACAATCCCTTGCACTTGTGCTGGGAGTCACTAGACGACAACAA
pcnppo6_H98A	TCATAATACTCGATGCCACAATCCCTTGCACTTGTGCTGGGAGTCACTAGACGACAACAA
	*****

pcnppo_h98a-cons	AGGCAGAACTGGTGCCCGGGTCCCAACGGGGNATGTGTCCATGCGGTGGTTTGTTTAAG
M38131	AGGCAGAACTGGTGCCCGGGTCCCAACGGGGGATGTGTCCATGCGGTGGTTTGTTTAAG
pcnppo6_H98A	AGGCAGTTTGACCAGCCCGGGTCCCAACGGGGGATGTGTCCATGCGGTGGTTTGTTTAAG
	*****
	(3)

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Fig. 5

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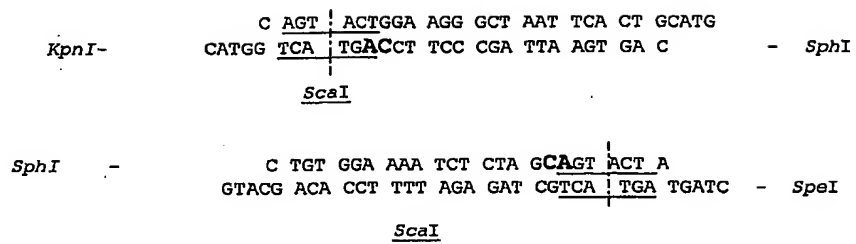


Fig. 6